Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 23 Jul 2023 until 23:59 on Monday 24 Jul 2023

Forecast Issued on Sunday 23 Jul 2023 at 05:17

Confidence: High for continued wet weather Sunday and for the following theme of sunshine and showers from Monday, ahead of a further wetter, windier spell midweek. Detail uncertain from midweek.

Headline for Sunday 23 Jul 2023: Extensively cloudy and wet with frequent bursts of heavy rain.

Mountain weather hazards on Sunday 23 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
90%	90%	80%	80%	60%	60%

Forecast for Sunday 23 Jul 2023

Weather: A widely dull and wet day with extensive cloud and a band of rain having stalled overhead in the vicinity. Persistent rain falling throughout the day with heavier downpours expected, particularly for western ranges. Rain may turn lighter later in the evening across southern Dales, but it is not expected to let up for any prolonged period.

Chance of cloud-free hill tops above 600m: Near nil. Improving to around 30% in the south if rain eases later.

Low Cloud and visibility: Extensive low cloud with a blanket of bases around 400-600m, bases likely close to valley floors at times. Best of the breaks across southwestern Dales and Bowland Fells later. Visibility beneath cloud poor throughout in rain, perhaps very poor in heavier or more drizzly pulses. Good if rain abates, but low confidence.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Sunday 23 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/16 NE	17/23 NE	19/25 NE	18/26 NE	17/26 NE	17/26 NE	17/26 NE
300	9/20 NE	13/25 NE	13/27 NE	15/28 NE	15/29 NE	14/29 NE	13/27 NE
Valley	12/27 NE	16/31 NE	17/34 NE	18/33 NE	18/35 NE	17/33 NE	15/30 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	11/8	11/8	10/7	9/6	9/5	8/5
300	14/12	14/11	14/11	13/10	12/9	11/8	11/8
Valley	15/13	15/12	15/12	14/11	13/10	12/9	12/9
Freezing Level*	2800m	2700m	2700m	2600m	2500m	2400m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The centre of the weather system driving Sunday's wet weather will be nearby throughout, with wind direction especially low confidence. Watercourses are likely to be swollen with surfaces wet and slippery underfoot. Low cloud and poor visibilities will make for poor navigation, when paired with windy conditions will make for especially arduous walking.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 23 Jul 2023	32mm	39.6mm	39.6mm

Forecast for Monday 24 Jul 2023

Weather: Remaining wet and overcast overnight, before Sunday's rain band clear southwards early Monday morning. Drier, and eventually brighter, conditions following and spells of strong sunshine. A few well scattered afternoon showers likely to develop. Temperatures near normal but feeling comparatively warm in sunshine versus the weekend.

Maximum wind: Northeast 20mph, easing 10-15mph.

Chance of cloud-free hill tops above 600m: 30% or lower, improving to 90% by mid-morning.

Low Cloud and visibility: Extensive low cloud initially with bases of 400-600m. Cloud and rain soon clearing away to the southeast with bases lifting clear or summits where they will largely remain. Visibility widely poor at first in early rain and drizzle, improving very good as rain clears.

Temperature: **Valleys:** Plus 10 becoming plus 17 degrees Celsius.
At 600m: Plus 7 becoming 11 degrees Celsius.
Freezing level: Well above the summits.

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